

ABSTRACT OF THE DISCLOSURE

An apparatus and a method of optimizing voice quality on a network having end-points that are voice over Internet Protocol (IP) devices. Default parameters of the end-points are initialized. Network performance parameters are measured and evaluated to determine whether they signify that connection to the network is below a desired level of operation. If so, the default parameters of the end-points are re-set based on the evaluation. The adjustment may entail re-negotiating the CODEC connection and re-setting parameters for packet size and re-setting parameters for jitter buffer size.

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